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PATENT
Attorney Docket No.: 023070-115710US
Client Reference No.: 99-004-2

BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

MICHAEL J. DELWICHE, et al.

Divisional of Application
No.: 09/349,814

Filed: July 9, 1999

For: SENSOR FOR ANALYZING
COMPONENTS OF FLUIDS

Examiner: Redding, D.

Art Unit: 1744

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The references cited on attached form PTO-1449 are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 09/349,814, filed July 9, 1999 (Attorney Docket No. 23070-115700). It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

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PATENT

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Jeffrey S. Mann', is enclosed within a hand-drawn oval. A horizontal line extends from the right side of the oval.

Jeffrey S. Mann
Reg. No. 42,837

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete If Known

Application Number	Divisional of 09/349,814
Filing Date	July 9, 1999
First Named Inventor	Delwiche, Michael J.
Group Art Unit	1744
Examiner Name	Redding, D.
Attorney Docket Number	2307O-115710

J1033 U.S. PTO
09/839939
04/19/01

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	3,838,034		Groves	09/74	
	AB	3,907,646		Wilkins	09/75	
	AC	4,131,425		Denny	12/78	
	AD	5,008,078		Yaginuma, et al.	04/16/91	
	AE	5,116,737		McCoy	05/26/92	
	AF	5,837,446		Cozzette, et al.	11/17/98	
	AG	5,858,186		Glass	01/12/99	
	AH	5,912,730		Dahm, et al.	06/15/99	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	Divisional of 09/349,814
		Filing Date	July 9, 1999
		First Named Inventor	Delwiche, Michael J.
		Group Art Unit	1744
		Examiner Name	Redding, D.
Sheet 2 of 2	Attorney Docket Number	2307O-115710	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AI	Ciana, et al., "Robust, reliable biosensor for continuous monitoring of urea during dialysis, <i>Clinical Chemistry</i> , 42(7):1079-1085 (1996)	
	AJ	Das, et al., "Enzyme entrapped inside the reversed micelle in the fabrication of a new urea sensor," <i>Biotechnology and Bioengineering</i> , 54(4):325-332 (1997)	
	AK	Dezhong, et al., "Sensitive specialization analysis of urea in human blood by surface acoustic wave urea sensor system," <i>Microchemical Journal</i> , 53:6-17 (1996)	
	AL	Fawcett, et al., "A rapid and precise method for the determination of urea," <i>J. Clin. Path.</i> , 13:156-159 (1960)	
	AM	Hu, et al., "Determination of trace amounts of urea by using flow injection with chemiluminescence detection," <i>Analyst</i> , 119:1829-1833 (1994)	
	AN	Kazanskaya, et al., "FET-based sensors with robust photosensitive polymer membranes for detection of ammonium ions and urea," <i>Biosensors & Bioelectronics</i> , 11(3):253-261 (1996)	
	AO	Koncki, et al., "Enzyme biosensor for urea based on a novel pH bulk optode membrane," <i>Biosensors & Bioelectronics</i> , 10:653-659 (1995)	
	AP	Kriz, et al., "A preliminary study of a biosensor based on flow injection of the recognition element," <i>Biosensors & Bioelectronics</i> , 11(12):1259-1265 (1996)	
	AQ	Liu, et al., "A new urea sensor based on combining the surface acoustic wave device with urease extracted from green soya bean and its application - determination of urea in human urine," <i>Biosensors & Bioelectronics</i> , 11(4):435-442 (1996)	
	AR	Marsh, et al., "Determination of urea nitrogen with the diacetyl method and an automatic dialyzing apparatus," <i>J. American Clin. Pathology</i> , 28:681-688 (1957)	
	AS	Mizutani, et al., "Voltammetric enzyme sensor for urea using mercaptohydroquinone-modified gold electrode as the base transducer," <i>Biosensors & Bioelectronics</i> , 12(4):321-328 (1997)	
	AT	Poyard, et al., "Performance of urea-sensitive enzyme field effect transistors: Influence of the storage conditions," <i>Biochimie/Biochemistry</i> , 319:257-262 (1996)	
	AU	Sheppard, et al., "Model of an immobilized enzyme conductimetric urea biosensor," <i>Biosensors & Bioelectronics</i> , 11(10):967-979 (1996)	
	AV	Skeggs, Leonard T., "An automatic method for colorimetric analysis," <i>J. Amer. Clin. Pathology</i> , 28:311-322 (1957)	
	AW	Weichselbaum, et al., "A reaction rate method for ammonia end blood urea nitrogen utilizing a pentacyanonitrosylferrate catalyzed berthelot reaction," <i>Analytical Chemistry</i> , 41(6):848-850 (1969)	
	AX	Wilcox, et al., "Use of the berthelot reaction in the automated analysis of serum urea nitrogen," <i>Clinical Chemistry</i> , 12(3):151-157 (1996)	

Examiner Signature		Date Considered	
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